


PG Department of Zoology
Faculty Details Performa

Name	Dr. Amandeep Singh		
Designation	Assistant Professor		
Date of Birth	22-10-1977		
Office Address	Department of Zoology, Khalsa College Amritsar.		
Residence	22- Preet Vihar, P.O. Rayon and Silk Mills, G.T. Road, Amritsar. 143104.		
Phone No.	9855982589		
Email	Kapooraman22@rediffmail.com		
Educational Qualifications			
Degree	Institution		Year
B.Sc. (Medical)	Guru Nanak Dev University, Amritsar		1998
M.Sc. (Zoology)	Guru Nanak Dev University, Amritsar		2000
B.Ed.	University of Jammu, Jammu and Kashmir		2001
Ph.D.	Punjabi University, Patiala		Degree Awarded Aug, 2009
CSIR-NET	CSIR, New Delhi		Dec. 2001
Career Profile			
Organisation	Designation and Duration		Role
Khalsa College Sr. Sec. School, Amritsar	Lec. Biology	13-04-2002 to 23-07-2003	Teaching
Khalsa College Asr.	Lec. Zoology	24-07-2003 to 31-03-2004	Teaching
Khalsa College Asr.	Lec. Zoology	01-07-2004 to 28-02-2005	Teaching
Khalsa College Asr.	Lec. Zoology	01-07-2005 to 28-02-2006	Teaching
Swami Satyanand College Amritsar	Lec. Life Sc.	28-08-2006 to 10-11-2011	Teaching
Khalsa College Asr.	Asst. Professor	1-11-2011 to Till Date	Teaching
Administrative Assignments			
<ul style="list-style-type: none"> • Member Public Relations Committee • Co-ordinator of Zoological Society 			
Area of Interest/ Specialization			
Parasitology			
Subjects Taught			
Undergraduate		Post Graduate	
Cell Biology Biodiversity Genetics Medical Zoology		Cell Biology Animal Genetics Molecular Cell Biology Molecular Genetics	

Research Guidance		
PhD Thesis/M.Phil.		
M.Sc. (Dissertation): 10 M.Phil.: Nil Ph.D. Enrolled: Nil		
Research Publications		
<u>Publication Profile</u>		
<ul style="list-style-type: none"> • Publications: 21 • Citation: 261; h index: 6; i10-index: 5. • Chapters in book: 01 • Article in newspaper: Nil 		
<u>Papers in research Journals</u>		
<ul style="list-style-type: none"> • Amandeep Singh and Devinder Singh (2006). Wound myiasis due to <i>Chrysomya bezziana</i> (Diptera: Calliphoridae) in patients of diabetic foot. <i>Journal of Entomological Research</i>. 30(4): 367-369. • Amandeep Singh and Devinder Singh (2007). Human traumatic myiasis due to <i>Chrysomya bezziana</i> (Diptera: Calliphoridae) in Punjab. <i>Uttar Pradesh Journal of Zoology</i>. 2007, 27(2): 255-257. • Devinder Singh and Amandeep Singh (2008). A study on the incidence of myiasis among pet dogs in the State of Punjab. 4(1-2): 99-102. • Amandeep Singh and Devinder Singh (2010). Fly Attacks. <i>Science Reporter (NISCAIR)</i>. 47(4): 19-22. • Amandeep Singh, Devinder Singh and Rajiv K. Jindal (2011). <i>Chrysomya bezziana</i> (Diptera: Calliphoridae) as a causative agent of myiasis in patients suffering from oral cancer. <i>Journal of Entomological Research</i>. 30(4): 187-189. • Amandeep Singh and Zorawar Singh (2015). Incidence of myiasis among humans-a review. <i>Parasitology Research</i>. 114(9): 3183-3199. • Amandeep Singh (2015). Predisposing factors responsible for onset of human myiasis. (2015) <i>Current Reports on Science and Technology</i>, 1(1): 54-61. • Amandeep Singh and Jasneet Kaur (2016). The bioefficacy of crude extracts of <i>Azadirachta indica</i> (Meliaceae) on the survival and development of myiasis-causing larvae of <i>Chrysomya bezziana</i> (Diptera: Calliphoridae). <i>Tropical Animal Health and Production</i>, 48(1): 117-124. • Amandeep Singh and Devinder Singh (2016). A study on the incidence of myiasis among dairy animals in the State of Punjab, India. <i>IOSR Journal of Agriculture and Veterinary Sciences</i>, 9(1): 30-34. • Amandeep Singh and Jasneet Kaur (2016). Toxicity of leaf extracts of <i>Ricinus communis</i> L. (Euphorbiaceae) against third instar larvae of <i>Musca domestica</i> (Diptera: Muscidae). <i>American Journal of BioScience</i>. 4(1-3): 5-10. • Amandeep Singh and Jasneet Kaur (2016). Recurrence of human wound myiasis due to <i>Chrysomya bezziana</i> Villeneuve (Diptera: Calliphoridae) from India: A case report. <i>Tropical Biomedicine</i>, 33(4): 1-6. • Amandeep Singh and Jasneet Kaur (2017). Activity of Foliage Extracts of <i>Ricinus communis</i> L. (Euphorbiaceae) Against Myiasis Causing Larvae of <i>Chrysomya bezziana</i> Villeneuve (Diptera: Calliphoridae). <i>Journal of Veterinary Medicine and Research</i>, 4(1): 1070. • Amandeep Singh and Zorawar Singh (2017). Assessment of Barium Carbonate Toxicity on the Developmental Stages of <i>Sarcophaga ruficornis</i> (Diptera: Sarcophagidae). <i>International Journal of Current Microbiology and Applied Sciences</i>. 6(5):4 85-494. • Amandeep Singh and Jasneet Kaur (2019). Occurrence of human urogenital myiasis due to neglected personal hygiene: A review. <i>Transaction of the Royal Society of Tropical</i> 		

Medicine and Hygiene, 113:4-10.

- **Amandeep Singh** and Devinder Singh (2019). Traumatic myiasis of the scalp in a 3-year-old patient- A case of neglected healthcare. *Malaysian Journal of Medicine and Health Sciences*, 15(1):89-91.
- **Amandeep Singh** (2020). Canine myiasis and its causal agents in India. *Journal of Biomedical Research & Environmental Sciences*, 2020, 16; 1(5): 150-153.
- **Amandeep Singh** (2021). Prevalence of tracheo-pulmonary myiasis amidst humans. *Parasitology Research*, 120:1091-1096.
- **Amandeep Singh** (2022). Biomedical Waste Management: A Much-Needed Thrust Area for Environmental Protection in the Present Era. *Environmental Science Archives*, 1(2):104-106.
- **Amandeep Singh** (2023). Major milestones in the evolutionary timeline of biotechnology. *International Journal of Current Science*, 13(3):641-646
- **Amandeep Singh** and Jaspreet Singh (2023). Flystrike among Domestic Animals: An Overview. *International Journal of Innovative Science and Research Technology*, 8(9):607-609. 10.5281/zenodo.8369711
- Jaspreet Singh and **Amandeep Singh** (2023). Entomotoxic Potential of Plant Lectins as an Environment-Friendly Tool to Control Insect Pests. *Environmental Science Archives* 2(2):205-212
- Randeep Singh and **Amandeep Singh** (2023). Efficacy of Botanical Pesticides on Biology and Cellular Immune Active Response of Greater Wax Moth, *Galleria mellonella* Linnaeus. *Biopesticide International*, 19(2): 199-206.

Chapters in Books/ Proceedings

- Simarpreet Kaur and **Amandeep Singh** (2024). The role of artificial intelligence in supporting teacher professional development. (Ed. by Dr. Khushwinder Kumar, Mnaninder Kaur, Deepika Kohli), pp 23-30. Walnut Publications, Brooklyn, New York, USA.

Conferences/Seminars Attended/ Papers Presented

- National Seminar on Chemistry and Environment held at Khalsa College Amritsar, from February 11-12, 2006.
- National Congress of Entomology held at Punjabi University, Patiala on March 15-17, 2006.
- Presented a research paper titled 'Human Myiasis Caused by Blow Fly Maggots in the State of Punjab' at an International Conference held at Punjabi University, Patiala on February 20-22, 2009.
- UGC sponsored National seminar on "Environment Analysis and Remediation", held at Guru Nanak Dev University, Amritsar from March 21-22, 2011.
- Presented a research paper at an International Conference held at Punjabi University, Patiala on February 17-19, 2012.
- National Conference on Man and Environment held at Punjabi University, Patiala on October 15-16, 2012.
- International Conference held at Punjabi University, Patiala on February 21-23, 2014.
- DST sponsored National Seminar on "Genetically Modified Organisms: Necessity and Whims" organized by Department of Biotechnology, Asian Educational Institution, Patiala, Punjab on Feb. 17, 2015.
- National Seminar on "Climate Change and Sustainable Development" organized by Department of Zoology, Khalsa College Amritsar on April 18, 2015
- ICCSR Sponsored National Seminar on "Social Sector Development Through Social

Inclusion” organized by Department of Commerce and Business Administration, Khalsa College Amritsar on March 18, 2017.

- UGC sponsored National Seminar on “Female Foeticide: A Social Menace” organized by Khalsa College Amritsar on March 31, 2018
- UGC sponsored National Seminar on “Drug Abuse: A Social Menace” organized by Khalsa College Amritsar on Oct 13, 2018
- DST-Sponsored National Conference on “Plant Sciences: Network in Health and Environment” organized by Dept. of Botany, Khalsa College Amritsar on Oct. 30-31, 2018.
- UGC sponsored National Conference on “Modern Agricultural Practices: Environmental and Health Risks” organized by the Department of Agriculture, Khalsa College Amritsar on March 28, 2019.
- National Conference on “Biodiversity and Natural Resources: Concerns and Challenges” organized by the Department of Zoology, Khalsa College Amritsar on April 4, 2019.
- International Conference of Medical Arthropodology “Malaria and Other Vector Borne and Zoonotic Diseases: Current Challenges and Opportunities in Public and Veterinary Health” organized by Society of Medical Arthropodology (SOMA) at Khalsa College Amritsar on Nov. 20-21, 2024.
- 28th Punjab Science Congress on “Current Trends in Science and Technology” organized by Faculty of Sciences, Khalsa College Amritsar on Feb. 7-9, 2025.

Research Projects (Major or Minor Grants/Research Collaboration)		
Funding Agency	Title of the Project	Period and Grant
UGC (Major Research Project)	Assessment of efficacy of some indigenous plant extracts against Myiasis causing larvae of <i>Chrysomya bezziana</i> (Diptera: Calliphoridae).” Vide letter no. 42-551/2013 (SR) Dated. 14/03/14	12.8 Lac.
Associations with Professional Bodies		
<ul style="list-style-type: none"> • Managing Editor to International Journal “Environmental Science Archives” ISSN: 2583-5092 • Former BOS Member of Biotechnology, PTU, Jalandhar 		